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DECLARATION FOR UNITED STATES PATENT APPLICATION
POWER OF ATTORNEY, DESIGNATION OF CORRESPONDENCE ADDRESS

Attorney Docket
31601-157492

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled COLD-ACTIVE BETA GALACTOSIDASE, THE PROCESS FOR ITS PREPARATION AND THE USE THEREOF, the specification of which

[] is attached hereto.

[X] was filed on February 9, 2000, as Application Serial No. 09/501,136,

[] was filed under the Patent Cooperation Treaty on _____ Serial No. _____ the United States of America being designated, and was amended on _____ [if applicable].

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, 1.56.

I HEREBY CLAIM the benefit under Title 35, United States Code §119(e) of any United States provisional application(s) listed below.

U.S. Provisional Application Number	Filing Date
60/143,114	July 9, 1999

I HEREBY CLAIM the benefit under Title 35, United States Code, §120 of any United States application(s), or §365(c) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

U.S. Patent Application Number	PCT Patent Application Number	Patent Filing Date	Parent Patent Number

I hereby appoint the registered attorneys and agents of VENABLE associated with the following customer number to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:



26694

PATENT TRADEMARK OFFICE

VENABLE is located at Suite 1000, 1201 New York Avenue, N.W., Washington, D.C. 20005-3917, Telephone: (202) 962-4800, Telefax: (202) 962-8300. Address all correspondence to VENABLE, Post Office Box 34385, Washington, D.C. 20043-9998.

DECLARATION FOR UNITED STATES PATENT APPLICATION
POWER OF ATTORNEY, DESIGNATION OF CORRESPONDENCE ADDRESS

The undersigned hereby authorizes the registered U.S. attorneys and agents identified herein to accept and follow instructions from the undersigned's assignee, if any, and/or, if the undersigned is not a resident of the United States, the undersigned's domestic attorney, patent attorney or patent agent, as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between U.S. attorneys and the undersigned. In the event of a change in the person(s) from whom instructions may be taken, the registered U.S. attorneys and agents identified herein will be so notified by the undersigned.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Signature: Anne Hoyoux
First/Sole Inventor: Anne Hoyoux
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Date: 12/14, 2001

Signature: Jean-Marie François
Second Inventor: Jean-Marie François
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B-4557 Sohier-Tinlot, BELGIUM

Date: 12/13, 2001

Signature: Phillip Dubois
Third Inventor: Phillip Dubois
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Date: 12/14, 2001

Signature: Etienne Baise
Fourth Inventor: Etienne Baise
Citizenship:
Residence and Post Office Address: 35 Rue de Bienne
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Date: 12/14, 2001

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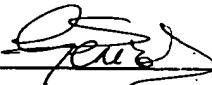
DECLARATION FOR UNITED STATES PATENT APPLICATION
POWER OF ATTORNEY, DESIGNATION OF CORRESPONDENCE ADDRESS

Signature: Isabelle Jennes 
Fifth Inventor: Isabell Jennes

Date: 12/17, 2001

Citizenship:

Residence and Post Office Address: 572 Champiomont
B-4654 Charneux, BELGIUM

Signature: Sabine Genicot 
Sixth Inventor: Sabine Genicot

Date: 12/14, 2001

Citizenship: Belgian

Residence and Post Office Address: 7 Rue Paul Feval
Roscoff, FRANCE

Signature: Charles Gerdøy

Date: 12/14, 2001

Seventh Inventor: Charles Gerdøy

Citizenship:

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B-4130 Esneux, BELGIUM



6175 C-145
UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APRIL 21, 2000

PTAS

VENABLE, BAETJER, HOWARD, ET AL
JOHN W. SCH
P.O. BOX 34385
WASHINGTON, D.C. 20043-9998

31601-157492



101271597A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

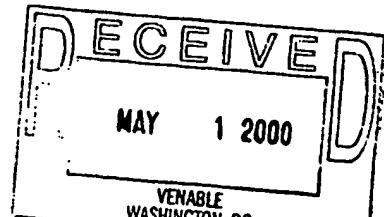
PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/09/2000

REEL/FRAME: 010551/0883
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR: GERDAY, CHARLES	DOC DATE: 11/16/1999
ASSIGNOR: HOYOUX, ANNE	DOC DATE: 11/16/1999
ASSIGNOR: FRANCOIS, JEAN-MARIE	DOC DATE: 11/16/1999
ASSIGNOR: DUBOIS, PHILIPPE	DOC DATE: 12/05/1999
ASSIGNOR: BAISE, ETIENNE	DOC DATE: 11/16/1999
ASSIGNOR: JENNES, ISABELLE	DOC DATE: 01/20/2000
ASSIGNOR: GENICOT, SABINE	DOC DATE: 12/31/1999



ASSIGNEE:

UNIVERSITE DE LIEGE
QUAI VAN BENEDEEN 25
B-4020 LIEGE, BELGIUM

SERIAL NUMBER: 09501136
PATENT NUMBER:

FILING DATE:
ISSUE DATE:

ALLYSON PURNELL, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

02-18-2000

OFFICES IN

WASHINGTON, D.C.
MARYLAND
VIRGINIA11551 U.S. PTO
09/501136
02/19/01

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VENABLE
ATTORNEYS AT LAW

101271597

TO THE HONORABLE COMMISSIONER OF
PATENTS AND TRADEMARKS
WASHINGTON, D.C. 20231Attorney Reference:
31601-157492

REQUEST FOR RECORDING AND COVER SHEET UNDER 37 C.F.R. 3.28 AND 3.31

Please record the attached original document(s) or copy(ies) thereof.

1. Name of party conveying the interest:

Charles GERDAY
 Anne HOYOUX
 Jean-Marie FRANÇOIS
 Philippe DUBOIS
 Etienne BAISE
 Isabelle JENNES
 Sabine GENICOT

2. Name and address of party receiving the interest:

Université de Liège
 Quai Van Beneden 25
 B-4020 Liège, Belgium

3. Description of the interest conveyed or transaction to be recorded:

Assignment Other:

4. Application Number:

Patent Number: 09/501136
 Registration Number:

Document filed together with a patent application executed on
 November 16, 1999, December 5, 1999, January 12, 2000, December 31, 1999.

5. Address correspondence concerning this request to: VENABLE, BAETJER, HOWARD & CIVILETTI, LLP, P.O. Box 34385, Washington, D.C. 20043-9998.6. Number of Applications, Patents or Registrations and total fee:

Patents: 1 patent rights @ \$40 Total: \$40.00

If no fee is attached, or if a greater or lesser fee is required, please charge or credit out Account No. 22-0261.

7. Date of execution of document: November 16, 1999 (Charles Gerd़ay), November 16, 1999 (Anne Hoyoux), November 16, 1999 (Jean-Marie François), December 5, 1999 (Philippe Dubois), November 16, 1999 (Etienne Baise), January 20, 2000 (Isabelle Jennes), December 31, 1999 (Sabine Genicot)

8. If document is an assignment of a trademark right to an assignee who is not domiciled in the United States, such assignee has designated a domestic representative

per attached designation other:

9. To the best of knowledge and belief of the undersigned, the foregoing information is true and correct and any attached copy is a true copy of the original document.

10. Date: February 9, 2000

Name: John W. Schneller

Registration Number: 51,026 260371

ASSIGNMENT
OF APPLICATION FOR UNITED STATES LETTERS PATENT

Attorney Docket

WHEREAS GERDAY Charles et al hereinafter (collectively) referred to as the assignor, has invented a certain improvement relating to Cold-active beta galactosidase, the process for its preparation and for which said assignor has caused an application for United States Letters Patent to be prepared,

[X] the inventor's declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office;

[] said application having been filed in the United States Patent and Trademark Office on _____, Serial Number [if known] _____

[] said application having been filed under the Patent Cooperation Treaty on _____
Serial No. _____, the United States of America being designated.

AND WHEREAS Université de Liège residing Quai Van Beneden 25 at 4020 Liège, Belgium

_____, hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the entire and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any all divisions and continuations thereof, and the said invention and any all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

EXECUTED, this 16th day of NOVEMBER 1999.

WITNESSES:

ASSIGNOR:

Signature: W. A. N. S.
Name: ANTHEUNIS NICOLE
Address: A. CLEYNHENS LAAN, 194
B-3140 KERBERGEN (BELGIUM)

Signature: 
Name: GERDAY Charles

Signature: J. JULIENNE
Name: JULENNE FABIENNE
Address: RUE ALBERT NOCKEL, 59

B-4000 LIEGE

ASSIGNMENT
OF APPLICATION FOR UNITED STATES LETTERS PATENT

Attorney Docket

- Page 2 -

EXECUTED, this 16th day of NOVEMBER 1999,

WITNESSES:

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ASSIGNOR:

Signature: Hoyaux HOYOUX Anne
Name: HOYOUX Anne

Signature: J. Jules
Name: JULENOT FABIENNE
Address: RUE ALBERT DOCKEL, 59
B-4000 LIEGE

EXECUTED, this 16th day of NOVEMBER 1999,

WITNESSES:

Signature: D. Denis
Name: ANTHUNIS NICOLE
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ASSIGNOR:

Signature: FRANCOIS Jean-Marie Francois
Name: FRANCOIS Jean-Marie

Signature: J. Jules
Name: JULENOT FABIENNE
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EXECUTED, this 5th day of DECEMBER 1999,

WITNESSES:

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ASSIGNOR:

Signature: D. Dubois DUBOIS Philippe
Name: DUBOIS Philippe

Signature: D. Denis
Name: DENIS MARIE
Address: ALL. MONIZOU 15
1960 SAINT-ETIENNE

ASSIGNMENT
OF APPLICATION FOR UNITED STATES LETTERS PATENT

Attorney Docket

- Page 3 -

EXECUTED, this 16th day of NOVEMBER 1999.

WITNESSES:

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Signature: J. L. JULENDON
Name: JULENDON FABIENNE
Address: RUE ALBERT ROCHEL, 51
 B-4000 LIEGE

ASSIGNOR:

Signature: Etienne Baise 27/3
Name: BAISE Etienne

EXECUTED, this 20 day of JANUARY 2000.

WITNESSES:

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Name: ANTUNES NICOLE
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Signature: A. De Becker
Name: DE BECKER ANNA
Address: rue General Henry 183
1040 Brussels, Belgium

ASSIGNOR:

Signature: Isabelle Jennes Name: JENNES Isabelle

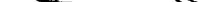
EXECUTED, this 31st day of December 1999.

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B - 6800 VERSAILLES

Signature: ~~TONCOUR~~
Name: TONCOUR Jean-Yves
Address: 20, rue Paul Desquert
F- 29250 SAINT POL DE LEON
(FRANCE)

ASSIGNOR:

Signature: 
Name: GENICOT Sabine